

ABSTRACT

[Problem] To provide a seal structure for a flow-path connection part, the seal structure allowing the centers of a flow path and a gasket to be aligned easily without requiring high dimensional accuracy (with normal dimensional accuracy). [Solution] Provided is a seal structure for a flow-path connection part that includes a pair of flanges arranged in opposition to one another, the seal structure comprising: a gasket having protrusions provided symmetrically on the front and back of the gasket and on the outer periphery or in the vicinity of the outer periphery thereof; and flanges each having a receiving groove provided annularly in the connection surface. The seal structure for the flow-path connection part is characterized in that: the receiving groove is wider than the protrusion and has an arc-shaped deepest part against which the top part of the protrusion abuts; the top part of the protrusion forms a curved surface; and the curvature of the top part is greater than or equal to the curvature of the deepest part of the receiving groove. Also provided are a liquid ejection device and a liquid storage container each comprising said seal structure.